

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(MBHB Case No. 07-471-A)**

In the Application of:)	
)	
Stephen Clark Purcell, et al.)	
)	Examiner: Tan V. Mai
Serial No. 10/711,115)	
now U.S. Pat. No. 7,072,924)	
)	Group Art Unit: 2193
Filing Date: August 25, 2004)	
)	Confirmation No. 5114
For: Method and Apparatus for Generating)	
Random Numbers for Use in a Field)	
Programmable Gate Array)	

Mail Stop Certificate of Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

Dear Sir:

Applicant respectfully requests that the Office issue the attached Certificate of Correction for the above-referenced U.S. Pat. No. 7,072,924 ("the '924 Patent") to correct an inadvertent error in the citizenship for one of the Inventors of the '924 Patent.

Applicant submits this request under 37 C.F.R. § 1.322, as Applicant submits that this error is an inadvertent error due to the Office for at least the reasons specified below. Applicant believes no fees are due in connection with this request. Nevertheless, Applicant authorizes the Office to charge any fees related to this request to Deposit Account No. 13-2490.

1. Requested Correction

Applicant specifically requests the following corrections as indicated in the accompanying Certificate of Correction:

On the Title Page, Item (76) Inventors: Line 6, delete "US" and replace with --IN--

2. Prosecution History Summary for the Citizenship of Inventor Selvanesan

On August 25, 2004, U.S. Pat. App. No. 10/711,115 (now the '924 Patent) was filed, including both an application data sheet ("the ADS") and a declaration ("the Declaration").


Page 2 of the ADS included data for the inventor Rajeshwaran Selvanesan as follows:

Inventor 3:

Applicant Authority Type:	inventor
Citizenship:	IN
Given Name:	Rajeshwaran
Family Name:	Selvanesan
Residence:	
City of Residence:	Milpitas
State of Residence:	CA
Country of Residence:	US
Address-1 of Mailing Address:	231 Dixon Landing Road, #259
Address-2 of Mailing Address:	
City of Mailing Address:	Milpitas
State of Mailing Address:	CA
Postal Code of Mailing Address:	95035
Country of Mailing Address:	US
Phone:	
Fax:	
E-mail:	

On line 2 of the data in the ADS excerpt above, the "Primary Citizenship Country" for Rajeshwaran Selvanesan is listed as "IN".

Page 2 of the Declaration included the following data for Rajeshwaran Selvanesan:

3. INVENTOR'S SIGNATURE:  Date 8/6/01

Inventor's Name Rajeshwaran Selvanesan Country of Citizenship: India

Residence (City, State): Milpitas, California

Post Office Address: 231 Dixon Landing Road, #259
Milpitas, CA 95035

On the right hand side signature block, the "Country of Citizenship" for Rajeshwaran Selvanesan is listed as "India."

Applicant did not file any supplemental Declarations, Oaths, or application data sheets during prosecution of U.S. Pat. App. No. 10/711,115. Thus, according to the record, the inventor Rajeshwaran Selvanesan is a citizen of India.

However, the second-to-the-last line of the excerpt of the '924 Patent shown below erroneously indicates that the inventor Rajeshwaran Selvanesan is a citizen of the U.S.:

(12) **United States Patent**
Purcell et al.

(10) **Patent No.:** **US 7,072,924 B1**
(45) **Date of Patent:** **Jul. 4, 2006**

(54) **METHOD AND APPARATUS FOR
GENERATING RANDOM NUMBERS FOR
USE IN A FIELD PROGRAMMABLE GATE
ARRAY**

(58) **Field of Classification Search** 708/253,
708/256
See application file for complete search history.

(76) **Inventors:** **Stephen Clark Purcell**, 365 Preston
Dr., Mountain View, CA (US) 94040;
Scott Kimura, 2178 Paseo Del Oro,
San Jose, CA (US) 95124;
Rajeshwaran Selvanesan, 231 Dixon
Landing Rd., #259, Milpitas, CA (US)
95035

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,048,086 A 9/1991 Bianco et al.
5,446,683 A * 8/1995 Mullen et al. 708/256
6,594,680 B1 * 7/2003 Gu et al. 708/256
6,813,625 B1 * 11/2004 Smeets 708/250

* cited by examiner

It appears that the discrepancy in citizenship for the inventor Rajeshwaran Selvanesan in the record of U.S. Pat. App. No. 10/711,115 and the face of the '924 Patent is due to an inadvertent error by the Office. Applicant respectfully requests correction of this inadvertent error via issuance of a Certificate of Correction.

Accompanying this request are: EXHIBIT A, which is a complete copy of the ADS, EXHIBIT B, which is a complete copy of the Declaration, and EXHIBIT C, which is a copy of the title page of the '924 Patent.

3. Conclusion

In view of the foregoing, Applicant respectfully requests that the attached Certificate of Correction be issued in the present case. The Office is invited to contact the undersigned at (312) 913-3338 as needed to expedite this request.

Respectfully submitted,

**McDonnell Boehnen
Hulbert & Berghoff LLP**

Date: December 17, 2010

By: /Thomas J. Loos/
Thomas J. Loos
Registration No. 60,161

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,072,924

APPLICATION NO.: 10/711,115

ISSUE DATE : July 4, 2006

INVENTOR(S) : Stephen Clark Purcell et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (76) Inventors: Line 6, delete "US" and replace with --IN--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

McDonnell Boehnen Hulbert & Berghoff LLP
300 S. Wacker Drive, Suite 3200
Chicago, IL 60606

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.


EXHIBIT

A

APPLICATION DATA SHEET

Electronic Version v14

Stylesheet Version v14.0

Title of Invention	Method and Apparatus for Generating Random Numbers for Use in a Field Programmable Gate Array	
<p>Application Type : regular, utility</p> <p>Attorney Docket Number : 22193-061210</p> <p>Request Not To Publish</p> <p>I/We hereby request that the attached application not be published under 37 U.S.C. 122(b).</p> <p>I/We hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.</p>		
<p>Correspondence address:</p> <p>Customer Number: 20350</p> 		
<p>Continuing Data:</p> <p>This is a Division of US application number 09925155, filed 2001-08-08 , now pending.</p>		
<p>Inventors Information:</p> <p><u>Inventor 1:</u></p> <p>Applicant Authority Type: Inventor</p> <p>Citizenship: US</p> <p>Given Name: Stephen</p> <p>Middle Name: Clark</p> <p>Family Name: Purcell</p> <p>Residence:</p> <p>City of Residence: Mountain View</p> <p>State of Residence: CA</p> <p>Country of Residence: US</p> <p>Address-1 of Mailing Address: 365 Preston Drive</p> <p>Address-2 of Mailing Address:</p> <p>City of Mailing Address: Mountain View</p> <p>State of Mailing Address: CA</p> <p>Postal Code of Mailing Address: 94040</p>		

Country of Mailing Address: US

Phone:

Fax:

E-mail:

Inventor 2:

Applicant Authority Type: Inventor

Citizenship: US

Given Name: Scott

Family Name: Kimura

Residence:

City of Residence: San Jose

State of Residence: CA

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Postal Code of Mailing Address: 95124

Country of Mailing Address: US

Phone:

Fax:

E-mail:

Inventor 3:

Applicant Authority Type: Inventor

Citizenship: IN

Given Name: Rajeshwaran

Family Name: Selvanesan

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State of Residence: CA

Country of Residence: US

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State of Mailing Address: CA

Postal Code of Mailing Address: 95035

Country of Mailing Address: US

Phone:

Fax:

E-mail:

Attorney Information:

practitioner(s) at Customer Number:

20350



as our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Publication Information:

Suggested Figure for Publication -

Suggested Classification -

Suggested Technology Center -

Total Number of Drawing Sheets - 8

Assignee 1:

Organization Name:

Intellectual Ventures, LLC

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Bellevue

State of Mailing Address:

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Country of Mailing Address:

US

Phone:

Fax:

E-mail:

EXHIBIT

B

RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "**Method and Apparatus for Generating Random Numbers for Use in a Field Programmable Gate Array**", the specification of which is attached hereto, bearing Attorney Docket No. 069102/0278146.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S):			Date first Laid-	Date Patented	
<u>Number</u>	<u>Country</u>	<u>Day/MONTH/Year Filed</u>	<u>open or Published</u>	<u>or Granted</u>	<u>Priority Claimed?</u>
					Yes <input type="checkbox"/> No <input type="checkbox"/>

I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)		Status	
<u>Application No.:</u>	<u>Day/MONTH/Year Filed:</u>	<u>pending, abandoned, patented</u>	<u>Priority Claimed?</u>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean Virginia, 22102, telephone number (650) 233-4777 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee who first sent this case to them and by whom I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary.

Paul N. Kokulis	16773	G. Paul Edgell	24238	Jack S. Barufka	37087	Robert J. Walters	40862
G. Lloyd Knight	17698	David A. Jakopin	32995	Adam R. Hess	41835	Brian J. Beatus	38825
George M. Sirilla	18221	Mark G. Paulson	30793	William P. Atkins	38821	John Jobe	28429
Donald J. Bird	25323	Stephen C. Glazier	31361	Paul L. Sharer	36004	Mark C. Pickering	36239
Dale S. Lazar	28872	Richard H. Zaitlen	27248	Robin L. Teskin	35030	David H. Jaffer	32243
Glenn J. Perry	28458	Roger R. Wise	31204	Anthony L. Miele	34393	John R. Wetherell	31678
		Anand Sethuraman	43351	Mark J. Danielson	40580	Steven Moore	35959

1. INVENTOR'S SIGNATURE: Stephen C Purcell
Inventor's Name: **Stephen Clark Purcell**
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Date 6 Aug 01
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2. INVENTOR'S SIGNATURE: Scott Kimura
Inventor's Name: **Scott Kimura**
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Date 6 Aug 01
Country of Citizenship: **United States of America**

3. INVENTOR'S SIGNATURE:



Date

8/6/01

Inventor's Name

Rajeshwaran Selvanesan

Country of Citizenship: India

Residence (City, State):

Milpitas, California

Post Office Address:

231 Dixon Landing Road, #259

Milpitas, CA 95035

EXHIBIT

C



US007072924B1

(12) **United States Patent**
Purcell et al.

(10) **Patent No.:** **US 7,072,924 B1**
(45) **Date of Patent:** **Jul. 4, 2006**

(54) **METHOD AND APPARATUS FOR GENERATING RANDOM NUMBERS FOR USE IN A FIELD PROGRAMMABLE GATE ARRAY**

(58) **Field of Classification Search** 708/253,
708/256
See application file for complete search history.

(76) Inventors: **Stephen Clark Purcell**, 365 Preston Dr., Mountain View, CA (US) 94040;
Scott Kimura, 2178 Paseo Del Oro, San Jose, CA (US) 95124;
Rajeshwaran Selvanesan, 231 Dixon Landing Rd., #259, Milpitas, CA (US) 95035

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,048,086 A	9/1991	Bianco et al.	
5,446,683 A *	8/1995	Mullen et al.	708/256
6,594,680 B1 *	7/2003	Gu et al.	708/256
6,813,625 B1 *	11/2004	Smeets	708/250

* cited by examiner

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

Primary Examiner—Tan V. Mai

(74) *Attorney, Agent, or Firm*—Townsend and Townsend and Crew LLP

(21) Appl. No.: 10/711,115

(57) **ABSTRACT**

(22) Filed: **Aug. 25, 2004**

Related U.S. Application Data

(62) Division of application No. 09/925,155, filed on Aug. 8, 2001.

A method and apparatus for generating random number outputs utilized in generating a noise function at a given location in space. The method consists of partitioning selected portions of the random number generation process to achieve outputs in parallel. The relevant parallel outputs are weighted by effect and then summed together to give the amplitude of the noise function at the given location.

(51) **Int. Cl.**
G06F 1/02 (2006.01)

18 Claims, 8 Drawing Sheets

(52) **U.S. Cl.** 708/256; 708/253

